

**DECLARATION**

As the below named join-inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name; that I verily believe I am the first, original and joint-inventor of the invention entitled:

**METHOD AND SYSTEM FOR REDUCING CHARGE GAIN AND CHARGE LOSS WHEN USING  
AN ARC LAYER IN INTERLAYER DIELECTRIC FORMATION**

and claiming benefit under 35 USC 120 the benefit of Provisional Application Serial No. 60/168,212, filed November 30, 1999 described and claimed in the specification which is attached hereto that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above; that I do not know and do not believe the same was ever known or used in the United States of America before my invention thereof, or patented or described in any printed publication in any country before my invention thereof or more than one year prior to this application, that the same was not in public use or on sale in the United States of America more than one year prior to this application, that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months prior to this application, that I acknowledge my duty to disclose information of which I am aware that is material to the examination of this application as defined by 37 C.F.R. § 1.56, and that no application for patent or inventor's certificate on said invention has been filed in any country foreign to the United States of America by me or by my legal representatives or assigns.

Address all telephone calls to Mr. Sawyer at telephone number (650) 493-4540 and all correspondence to:

**JOSEPH A. SAWYER JR.  
SAWYER & ASSOCIATES  
P.O. Box 51418  
Palo Alto, California 94303**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of first/joint Inventor: **Angela T. Hui**

Residence: **362 Pilgrim Loop**  
**Fremont** **Alameda** **California** **94539**  
City County State Zip

Post Office Address: **Same as above**

Citizenship: **United States of America**

1-19-00  
Date

Angela T. Hui  
Signature of Inventor

**DECLARATION (continued)**

Name of **second**/joint Inventor: **Mark T. Ramsbey**

Residence: **402 Cumulus Avenue**  
**Sunnyvale** **Santa Clara** **California** **94087**  
**City** **County** **State** **Zip**

Post Office Address: **Same as above**

Citizenship: **United States of America**

1/19/00  
Date

Mark T. Ramsbey  
Signature of Inventor

Name of **third**/joint Inventor: **Yu Sun**

Residence: **20395 Glasgow Drive**  
**Saratoga** **Santa Clara** **California** **95070**  
**City** **County** **State** **Zip**

Post Office Address: **Same as above**

Citizenship: **United States of America**

1/21/00  
Date

[Signature]  
Signature of Inventor

Name of **fourth**/joint Inventor: **David H. Matsumoto**

Residence: ~~1-Chome, 2-32 Chuo~~ **929 Carmel Ct.**  
~~#301 Bell Maison Sakai~~ **Los Altos CA. 94022**  
~~Aizuwakamatsu, Fukushima 965-0037 JAPAN~~

Post Office Address: **Same as above**

Citizenship: **United States of America**

3/17/2000  
Date

[Signature]  
Signature of Inventor

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: **Angela T. Hui, Mark T. Ramsbey, Yu Sun and David H. Matsumoto**

Title: **METHOD AND SYSTEM FOR REDUCING CHARGE GAIN AND CHARGE LOSS  
WHEN USING AN ARC LAYER IN INTERLAYER DIELECTRIC FORMATION**

**POWER OF ATTORNEY BY ASSIGNEE  
AND EXCLUSION OF INVENTOR UNDER 37 C.F.R. SEC. 1.32**

Honorable Commissioner of Patents and Trademarks  
Box Patent Applications  
Washington, D.C. 20231

Sir:

ADVANCED MICRO DEVICES, Inc., a Delaware Corporation, having become the owner of all rights in and to the above-identified application by virtue of an Assignment executed by the inventor concurrently with the execution of the application, said Assignment being submitted herewith for recording, hereby appoints:

Vincenzo D. Pitruzzella, Reg. No. 28,656  
Richard J. Roddy, Reg. No. 27,688  
William D. Zahrt, II, Reg. No. 26,070  
Paul S. Drake, Reg. No. 33,491  
Louis A. Riley, Reg. No. 39,817  
Elizabeth A. Apperley, Reg. No. 36,428

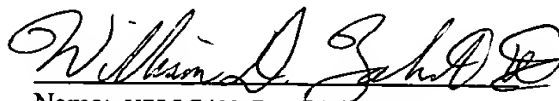
Joseph A. Sawyer, Jr., Reg. No. 30,801  
Janyce R. Mitchell, Reg. No. 40,095  
Stephen G. Sullivan, Reg. No. 38,329  
Michele Liu, Reg. No. P44,875  
Wendell J. Jones, Reg. No. P45,961

Please address all correspondence to:

Joseph A. Sawyer, Jr.  
SAWYER & ASSOCIATES  
P. O. Box 51418  
Palo Alto, CA 94303

their attorneys, to prosecute said application and to transact in connection therewith all business in the Patent and Trademark Office and before competent International Authorities; said appointment to be to the exclusion of the inventor and his attorneys in accordance with the provisions of 37 C.F.R. 1.32.

Date: 20 March, 2000

  
Name: WILLIAM D. ZAHRT II  
Title: ASSISTANT GENERAL COUNSEL